

DOWN GRADE <u>SAG</u> FLOW DIVERSION EXAMPLES NOTES: - CONSTRUCT MODIFIED CONCRETE FLUME AND SHOULDER BERM GUTTER IN ACCORDANCE WITH THIS DETAIL.
- CONSTRUCT CONCRETE DITCH IN ACCORDANCE WITH STD. DWG. NO. 850.01.
- CONSTRUCT RIP RAP LINED DITCH IN ACCORDANCE WITH THIS DETAIL, IF CALLED FOR IN PLANS.
- CONCRETE OR RIP RAP LINED DITCH SHALL BE THE TYPE AND LENGTH SPECIFIED BY THE ROADWAY PLANS. THE DITCH SHALL TERMINATE AS SHOWN ON THE PLANS. IF NO TERMINATION IS INDICATED PLACE RIP-RAP AT THE END OF THE DITCH AS INDICATED BY STD. DWG. 876.02 FOR AN 18" PIPE. TRANSITIONS FROM THE DITCH TO TERMINATION SHALL BE AS DIRECTED BY THE ENGINEER. - MODIFICATIONS SHALL BE AS DICTATED BY SITE CONDITIONS AND DIRECTED BY THE ENGINEER.

FLOW DIVERSION

WATER -FLOW

4" CONC.

PAVED DITCH

CONCRETE OR RIP-RAP DITCH SEE ROADWAY PLANS

BEGIN MODIFIED CONCRETE FLUME

EDGE OF LANE

SHOULDER BERM GUTTER OPTIONAL SEE RDY. PLANS

_WATER

FLOW

(4) 12" #6 DOWEL BARS

OUTLET 3"
DEPRESSION

PAVED SHOULDER —

15'-0"

MODIFIED CONCRETE FLUME
PAY LIMITS - PER EACH

PLAN VIEW

4'-0"

OUTLET

NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

MODIFIED
VITH CONCRET

ENGLISH

DETAIL

DRAWING

FOR

WATER FLOW

FLOW

CONC

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T

ETE

DITCH

SHEET 1 OF 1

MODFLMDTCH

OR

RAP

VARIABLE LENGTH

DOWNGRADE OR SAG

OUTLET

(A)

FLOW DIVERSION-

SEE PLANS FOR PLACEMENT OR BEGINNING



RIP-RAP LINED DITCH

DESIGN SERVICES UNIT STANDARDS AND SPECIAL DESIGN Office 919-250-4128 FAX 919-250-4119

SHEET 1 OF 1

|MODFL:MDTCH

SEE PLATE FOR TITLE

RIGINAL BY	E.E. Ward	DATE:	Apr. 2002
ODIFIED BY	E.E. Ward Xerl S. Junt		
HECKED BY:	Yell S. Woul	-DATE:	8/2/04
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